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TO: Commissioner for  
 Patents  
Attn: Examiner A. Harrington  
 Patent Examining Corps  
 Facsimile Center  
 Washington, D.C. 20231

FROM: Curtis B. Hamre

OUR REF: 12109.13US01  
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Total pages, including cover letter: 10

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Title of Document Transmitted:

**AMENDMENT AND RESPONSE**

Applicant: DONG ET AL.

Serial No.: 09/472,585

Filed: DECEMBER 27, 1999

Group Art Unit: 2873

Our Ref. No.: 12109.13US01

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By: Curtis B. Hamre  
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5/23/02  
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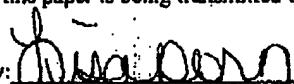
*COPY***BEST AVAILABLE COPY**PATENT

S/N 09/472,585

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	DONG ET AL.	Examiner:	ALICIA M. HARRINGTON
Serial No.:	09/472,585	Group Art Unit:	2873
Filed:	12/27/99	Docket No.:	12109.13US01
Title:	SPECTROSCOPIC METHOD FOR ANALYSING ISOTOPES BY USING A SEMICONDUCTOR LASER		

CERTIFICATE UNDER 37 CFR 1.6(d): I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on May 23, 2002.

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MAY 23 2002

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Dear Sir:

This communication is in response to the Office Action issued September 13, 2001.

**AMENDMENTS****In the Drawings**

Please correct FIGs 1 and 2 as shown in the enclosed drawings.

**In the Specification**

Please amend the paragraph beginning at page 3 line 27 to page 4 line 12 as follows.

Furthermore, the fifth aspect according to the present invention provides the spectroscopic method for analyzing isotopes according to the third or the fourth aspect, wherein said said isotopes of carbon dioxide gas as sample gas are  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$  and said  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$  have pairs of the following wavelengths